

Analyte	Station ID				GKMSE31
	Sample ID				GKMSE31_082415
	Sample Date				8/24/2015
	Sample time				14:00
	Latitude				(b) (6)
	Longitude				
					Sub Location
Metals, Total	CAS NO	Units		EPA RBC	Lab Result
Aluminum	7429-90-5	mg/kg dry wt		3300000	20000
Antimony	7440-36-0	mg/kg dry wt		1300	1.6
Arsenic	7440-38-2	mg/kg dry wt		4200	130
Barium	7440-39-3	mg/kg dry wt		670000	260
Beryllium	7440-41-7	mg/kg dry wt		6700	2.9
Cadmium	7440-43-9	mg/kg dry wt		1700	5.1
Calcium	7440-70-2	mg/kg dry wt			5200
Chromium	7440-47-3	mg/kg dry wt		4300000	15
Cobalt	7440-48-4	mg/kg dry wt		1000	8
Copper	7440-50-8	mg/kg dry wt		130000	680
Iron	7439-89-6	mg/kg dry wt		2300000	130000
Lead	7439-92-1	mg/kg dry wt		20000	2600
Magnesium	7439-95-4	mg/kg dry wt			4100
Manganese	7439-96-5	mg/kg dry wt		160000	1500
Mercury	7439-97-6	mg/kg dry wt		1000	0.28
Molybdenum	7439-98-7	mg/kg dry wt		17000	27
Nickel	7440-02-0	mg/kg dry wt		67000	8.3
Potassium	7440-09-7	mg/kg dry wt			3600
Selenium	7782-49-2	mg/kg dry wt		17000	5
Silver	7440-22-4	mg/kg dry wt		17000	16
Sodium	7440-23-5	mg/kg dry wt			460 J
Thallium	7440-28-0	mg/kg dry wt		33	0.87
Vanadium	7440-62-2	mg/kg dry wt		17000	87
Zinc	7440-66-6	mg/kg dry wt		1000000	1900

U = The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.

J = Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

J- = The result is an estimated quantity, but the result may be biased low.

UJ = The material was analyzed for, but was not detected. The associated value is an estimate and may be inaccurate or imprecise

UJB = The analyte was detected in the sample below the reporting limit and in either the associated laboratory blank or field blank; the analyte result was reported as non-detected at the RL due to blank contamination. The reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

UB = The analyte was detected in the sample below the Reporting Limit (RL) and in either the associated laboratory blank or field blank; the analyte result was reported as non-detected at the RL due to blank contamination.

J+ = The result is an estimated quantity, but the result may be biased high.

R = Reported value is "rejected." The sample results are rejected due to serious deficiencies in meeting QC criteria. The data are unusable. The analyte may or may not be present in the sample.

F1 = MS and/or MSD Recovery is outside acceptance limits.

HF = Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.

\* = The result exceeds maximum contaminant level

mg/kg - Parts per million (milligrams per kilogram). Liquids equivalent = mg/L.

Highlighted Yellow: indicates result exceeded Screening Value